



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114520

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP91186
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0012

Slope: 0.7642

Regression: 0.999998

Seq	Lab ID	True Value (mg/L)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.05	2.08	0.000	0.002	0.002	0.001		05/18/2021	14:35
2	CAL2	0.01	1	100	100	7.14	2.14	0.000	0.008	0.008	0.008	20	05/18/2021	14:35
3	CAL3	0.025	1	100	100	7.35	2.35	0.000	0.020	0.020	0.024	4	05/18/2021	14:36
4	CAL4	0.05	1	100	100	7.44	1.98	0.000	0.039	0.039	0.049	2	05/18/2021	14:37
5	CAL5	0.1	1	100	100	7.62	1.85	0.000	0.078	0.078	0.100	0	05/18/2021	14:38
6	CAL6	0.5	1	100	100	7.50	1.74	0.000	0.384	0.384	0.500	0	05/18/2021	14:39
7	CAL7	1	1	100	100	7.28	2.09	0.000	0.765	0.765	0.999	0.1	05/18/2021	14:40

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Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100	7.19	2.08	0.000	0.383	0.383	0.500	05/18/2021	14:41
2	ICB		1	100	100	7.32	1.78	0.000	0.001	0.001	0.000	05/18/2021	14:42
3	CCV1	0.5	1	100	100	7.65	1.95	0.000	0.380	0.380	0.496	05/18/2021	14:43
4	CCB1		1	100	100	7.41	1.74	0.000	0.002	0.002	0.001	05/18/2021	14:43
5	RL Check	0.01	1	100	100	7.50	1.92	0.000	0.009	0.009	0.010	05/18/2021	14:44
6	PB136501BL		1	2.50	100	7.28	2.09	0.000	0.001	0.001	0.000	05/18/2021	14:45
7	PB136501BS	20	1	2.50	100	7.18	2.25	0.002	0.351	0.349	0.455	05/18/2021	14:46
8	M2366-01		1	2.53	100	7.30	2.19	0.015	0.016	0.001	0.000	05/18/2021	14:47
9	M2366-01DU		1	2.52	100	7.52	2.34	0.014	0.015	0.001	0.000	05/18/2021	14:48
10	M2366-01MS	40	2	2.51	100	7.41	2.26	0.012	0.085	0.073	0.094	05/18/2021	14:49
11	M2366-01MS	1284	40	2.53	100	7.64	1.88	0.008	0.651	0.643	0.840	05/18/2021	14:50
12	M2366-01MS	40	2	2.50	100	7.74	1.74	0.011	0.114	0.103	0.133	05/18/2021	14:51
13	M2366-02		1	2.51	100	7.52	1.95	0.018	0.019	0.001	0.000	05/18/2021	14:52
14	M2366-03		1	2.50	100	7.62	2.08	0.015	0.016	0.001	0.000	05/18/2021	14:53
15	M2435-01		1	2.52	100	7.43	2.14	0.043	0.045	0.002	0.001	05/18/2021	14:54
16	CCV2	0.5	1	100	100	7.21	2.36	0.000	0.379	0.379	0.494	05/18/2021	14:55
17	CCB2		1	100	100	7.36	2.34	0.000	0.002	0.002	0.001	05/18/2021	14:56
18	M2435-04		1	2.53	100	7.42	2.28	0.047	0.049	0.002	0.001	05/18/2021	14:57
19	M2435-07		1	2.50	100	7.53	2.10	0.032	0.034	0.002	0.001	05/18/2021	14:58
20	M2435-10		1	2.55	100	7.67	1.88	0.008	0.008	0.000	-0.002	05/18/2021	14:59
21	M2435-13		1	2.54	100	7.41	1.74	0.054	0.056	0.002	0.001	05/18/2021	15:00
22	M2435-16		1	2.55	100	7.59	1.93	0.029	0.030	0.001	0.000	05/18/2021	15:01
23	M2436-01		1	2.58	100	7.63	2.08	0.019	0.020	0.001	0.000	05/18/2021	15:02
24	M2436-04		1	2.55	100	7.41	1.87	0.069	0.071	0.002	0.001	05/18/2021	15:03
25	CCV3	0.5	1	100	100	7.28	1.89	0.000	0.378	0.378	0.493	05/18/2021	15:04
26	CCB3		1	100	100	7.15	2.07	0.000	0.001	0.001	0.000	05/18/2021	15:05